

DATASHEET

IP PORTS		
PROTOCOL	TCP PORTS	UDP PORTS
HTTP	80, 8000, 8001, 8080, 1-65535 (OUTBOUND)	
HTTPS	443	
RTSP	554,770	6970-7170 5004 (OUTBOUND) 5005 (INBOUND/ OUTBOUND)
RTMP		1935
RTP		6970-6999 16384-32767

SUPPORTED VIDEO RESOLUTIONS		
1920 x 1080	720 x 480	480 x 480
1280 x 720	704 x 480	480 x 320
720 x 576	640 x 480	320 x 240
qHD	H.264up	

INPUTS	
VIDEO	SDI or HD-SDI with Genlock, HDMI Optional IP (H.264, MPEG-2, or VC-I)
AUDIO	SDI Embedded, AES/EBU
IP INPUT PROTOCOLS	UDP, RTP, RTSP, HTTP, HTTP Live (HLS), FTP, RTMP (Open Flash), Windows® Media Video 9 with HHTTP/ASF

SDI OR HD-SDI OUTPUT	
VIDEO	SDI or HD-SDI with Genlock, HDMI Optional IP (H.264, MPEG-2, or VC-I)

IP OUTPUTS	
OUTPUT	(2) 1080i/p or (4) 720p HD streams at 6Mbps or (7) 7 SD streams at 2Mbps with Quad Core CPU
AUDIO OUTPUT	AAC, Ogg Vorbis, optional MP3, optional MPEG-1 Layer II
OUTPUT "WRAPPERS"	UDP, RTP, RTSP, HTTP, HTTP Live (HLS), HTTP Smooth, HTTP Dynamic, FTP, RTMP (Open Flash), Windows® Media Video 9 with HHTTP/ASF
TYPE	IP-multicast, IP-unicast
H.264 BIT RATES	Multiple H.264 video streams at different bit rates (1 to 15Mbps), resolutions, and protocols, wrappers, and containers

ADMINISTRATION	
ACCESS	Web interface, SSH interface
SNMP	Monitoring and alerts

CPU AND OPERATING SYSTEM	
CPU	Intel Xeon E3-1200 & v2, Core i3-2100 series
OS	Embedded Linux® in Flash™

PHYSICAL AND POWER	
SIZE	19" rack mounted 1 RU high
VOLTAGE	100-240V, 4-2A, 60-50 Hz 220 watts
OPERATING TEMPERATURE	10°C to 35°C
NON-OPERATING HUMIDITY	20% to 90% non-condensing
CONFORMITIES	UL BSMI, CSA, FCC, CE, RoHs
WEIGHT	16 lbs.
FORM FACTOR	Mobile Unite - 19" I-U Rackmount Unit

MISCELLANEOUS	
TESTED CDNs	DCL Akamai, Limelight, BitGravity, Octoshape, Highwinds, Edgecast
# PATHS	Single Path or Dual Path
SINGLE PATH CONFIGURATIONS	(1) Encoder or (1) Decoder
DUAL PATH CONFIGURATIONS	(1)Encoder & (1) Decoder or (2) Encoders or (2) Decoders

